

2823

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: US DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

11

Application No.

09/475,104

Filing Date

December 30, 1999 2002

First Named Inventor

Nagesh Vodrahalli MAIL ROOM

Group Art Unit

2823

Examiner Name

Deven M. Collins

Attorney Docket Number

42390P6785

ENCLOSURES (check all that apply)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers
(for an Application) | <input type="checkbox"/> After Allowance Communication
to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board
of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment / Response | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert a
Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence Address | <input type="checkbox"/> Other Enclosure(s)
(please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority
Document(s) | <input type="checkbox"/> CD, Number of CD(s) | |
| <input type="checkbox"/> Response to Missing Parts/
Incomplete Application | | |
| <input type="checkbox"/> Response to Missing
Parts under 37 CFR
1.52 or 1.53 | | |

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

William W. Schaal, Reg. No. 39,018

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Signature

Date

January 8, 2002

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Box Non-Fee Amendment, Assistant Commissioner for Patents, Washington, D.C. 20231 on:

January 8, 2002

Typed or printed name

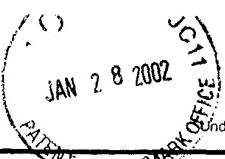
Laura R. Robles

Signature

Date

January 8, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

Complete If Known

Application Number	09/475,104
Filing Date	December 30, 1999
First Named Inventor	Nagesh Vodrahalli
Examiner Name	Deven M. Collins - ROOM 2823
Group/Art Unit	2823
Attorney Docket No.	42390P6785

METHOD OF PAYMENT (check one)

Check Credit card Money Order Other None

Deposit Account

Deposit Account Number 02-2666

Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
- Charge any additional fee(s) during the pendency of the application
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
101	740	201	370	Utility filing fee
106	330	206	165	Design filing fee
107	510	207	255	Plant filing fee
108	740	208	370	Reissue filing fee
114	160	214	80	Provisional filing fee

SUBTOTAL (1) (\$ 0.00)

2. EXTRA CLAIM FEES

Total Claims	16	20*	=	0	X	18.00	=	\$0.00	Extra Claims	Fee from below	Fee Paid
Independent Claims	2	3*	=	0	X	84.00	=	\$0.00			
Multiple Dependent											

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple Dependent claim, if not paid	
109	84	209	42	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 0.00)

*or number previously paid, if greater. For Reissues, see below

3. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	105	130		205	65	Surcharge - late filing fee or oath	
	127	50		227	25	Surcharge - late provisional filing fee or cover sheet	
	139	130		139	130	Non-English specification	
	147	2,520		147	2,520	For filing a request for ex parte reexamination	
	112	920*		112	920*	Requesting publication of SIR prior to Examiner action	
	113	1,840*		113	1,840*	Requesting publication of SIR after Examiner action	
	115	110		215	55	Extension for reply within first month	
	116	400		216	200	Extension for reply within second month	
	117	920		217	460	Extension for reply within third month	
	118	1,440		218	720	Extension for reply within fourth month	
	128	1,960		228	980	Extension for reply within fifth month	
	119	320		219	160	Notice of Appeal	
	120	320		220	160	Filing a brief in support of an appeal	
	121	280		221	140	Request for oral hearing	
	138	1,510		138	1,510	Petition to institute a public use proceeding	
	140	110		240	55	Petition to revive - unavoidable	
	141	1,280		241	640	Petition to revive - unintentional	
	142	1,280		242	640	Utility issue fee (or reissue)	
	143	460		243	230	Design issue fee	
	144	620		244	310	Plant issue fee	
	122	130		122	130	Petitions to the Commissioner	
	123	50		123	50	Processing fee under 37 CFR 1.17(q)	
	126	180		126	180	Submission of Information Disclosure Stmt	
	581	40		581	40	Recording each patent assignment per property (times number of properties)	
	146	740		246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
	149	740		249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
	179	740		279	370	Request for Continued Examination (RCE)	
	169	900		169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	William W. Schaal	Registration No. (Attorney/Agent)	39,018	Telephone	(714) 557-3800
Signature				Date	01/08/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: 42390P6785

#13/PandLB
J. Scott
2/16/02

In re Application of:

Vodrahalli, et al.

Application No.: 09/475,104

Filed: December 30, 1999

For: High Performance Thermal Interface
Curing Process for Organic Flip Chip
Packages

TC 2000 MAIL ROOM

Examiner: Deven M. Collins

Art Group: 2823

AMENDMENT AND RESPONSE TO THE OFFICE ACTION

Assistant Commissioner for Patents
Washington, DC 20231-9998

Sir:

In response to the outstanding Office Action, mailed December 20, 2001, please amend the above-identified Application as follows:

IN THE CLAIMS

Following is a complete set of claims as amended with this Response. This complete set of claims includes amended claims 6-8.

1 5. A method for assembling an integrated circuit package, comprising:
2 applying an epoxy to an integrated circuit;
3 placing a thermal element adjacent to the epoxy; and,
4 curing the epoxy with energy at a microwave frequency.

B/ 1 6. (Amended) The method of claim 5, further comprising mounting the
2 integrated circuit to a substrate.